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FIGURE 1

Proposed Synthesis of CNCbl poly-L-lysine-DTPA

FIG. 2

Synthesis of adenosyltrifluoroethylamidocobalamins

FIG. 3

Synthesis of adenosyltrifluoroethylamidocobalamins

CNCbl di COOH WSC Hydroxybenzotriazole $F_3CCH_2NH_3Cl$ O CN O CN O II III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III III III III III III III IIII III III

FIG. 4

Synthesis of cyano-b-trifluoroacetamidobutylamidocobalamin

FIG. 5

Synthesis of cyanotrifluoroacetyl polylysine cobalamin

FIG. 6

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COCH₃

$$CH_{3}O$$

$$CH_{3}$$

FIGURE 7